

In the Claims:

Please amend claims 1, 7, 12-14, 20, 21 and 23 in the following manner:

B1

1 1. (Amended) An internal combustion engine arrangement comprising:  
2 a spark-ignited internal combustion engine;  
3 an exhaust line receiving exhaust gas from the internal combustion engine;  
4 an oxide gas absorber in the exhaust line including a support member; and an  
5 absorption layer on a surface of the support member having [an enlarged] a total surface  
6 area which is larger than that of the underlying area of the support member accessible to  
7 exhaust gas flowing through the exhaust line for reversible absorption of at least one  
8 nitrogen oxide (NO<sub>x</sub>) and/or at least one oxide of sulfur (SO<sub>x</sub>); and,  
9 a control unit for controlling the temperature of the absorption layer by adjusting  
10 composition parameters of the exhaust gas so that the absorption layer can be heated to a  
11 temperature at which the layer is regenerated by desorbing absorbed NO<sub>x</sub> or SO<sub>x</sub>.

B2

1 7. (Amended) An internal combustion engine arrangement according to claim 1  
2 wherein the support member contains a plurality of parallel passages [having a closed  
3 cross-section] through which exhaust gas can be passed and the absorption layer is on the  
4 inside surface of the passages..

B3

1 12. (Amended) An internal combustion engine arrangement according to claim 1  
2 wherein the [enlarged] surface area of the absorption layer provides an area of at least  
3 20 m<sup>2</sup> accessible to the exhaust gas per gram of the absorption layer.

1           13. (Amended) An internal combustion engine arrangement according to  
2 claim 12 wherein the [enlarged] surface area of the absorption layer provides an area of at  
3 least 40 m<sup>2</sup> accessible to the exhaust gas per gram of the absorption layer.

B3 1           14. (Amended) An internal combustion engine arrangement according to  
2 claim 13 wherein the [enlarged] surface area of the absorption layer provides an area of at  
3 least 100 m<sup>2</sup> accessible to the exhaust gas per gram of the absorption layer.

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1           20. (Amended) An internal combustion engine arrangement according to claim 1  
2 wherein the absorption layer releases NO<sub>x</sub> and/or SO<sub>x</sub> in a reducing atmosphere and/or at  
3 [low oxygen concentration in the exhaust gas]  $\lambda \leq 1$ .

B4 1           21. (Amended) An internal combustion engine arrangement according to either  
2 of claim 19 or claim 20 including an oxygen concentration [determining] measuring  
3 means for determining a value representing the oxygen concentration in the exhaust gas  
4 and supplying a signal representing the oxygen concentration as an input signal to the  
5 control unit, and wherein the control unit uses the oxygen concentration signal to control  
6 [charging or discharging] regeneration of the absorber.

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B5 1           23. (Amended) An internal combustion engine arrangement according to  
2 claim 22 including a temperature [determining] measuring means for determining a value  
3 representing the temperature of at least one of: (a) the exhaust gas; (b) the absorption  
4 layer; and (c) the support member; and supplying a signal corresponding to that value as